

FIG. 1

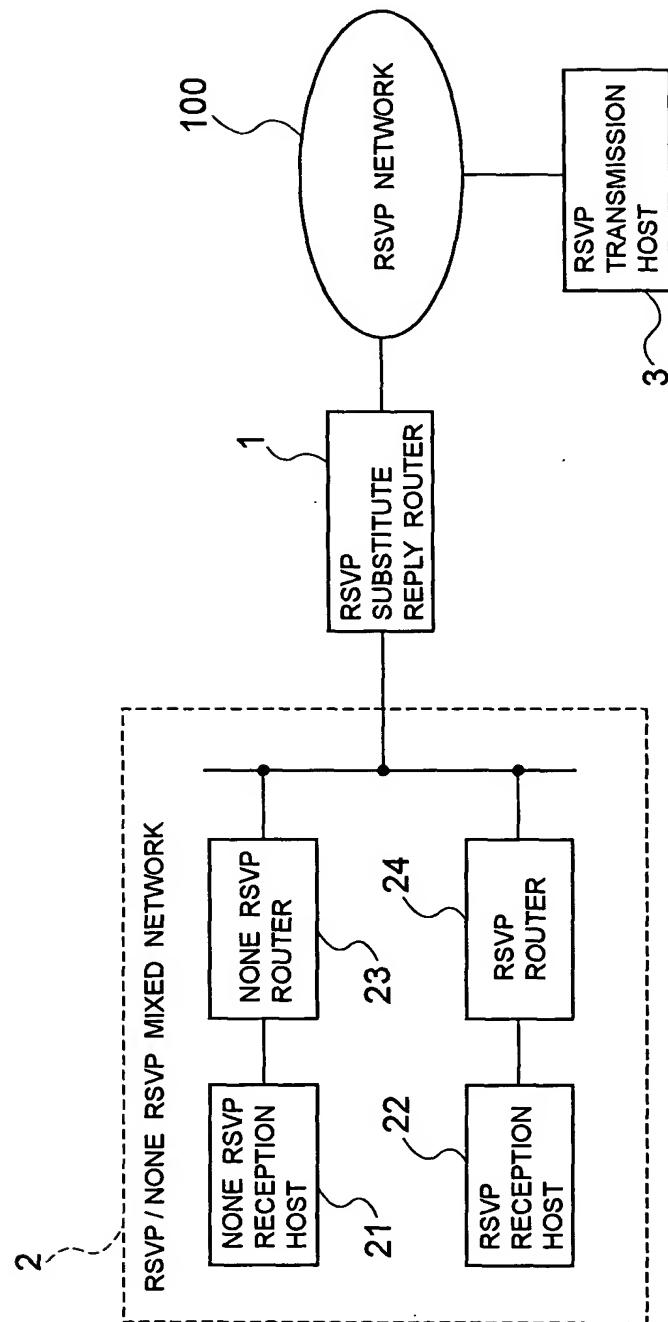


FIG. 2

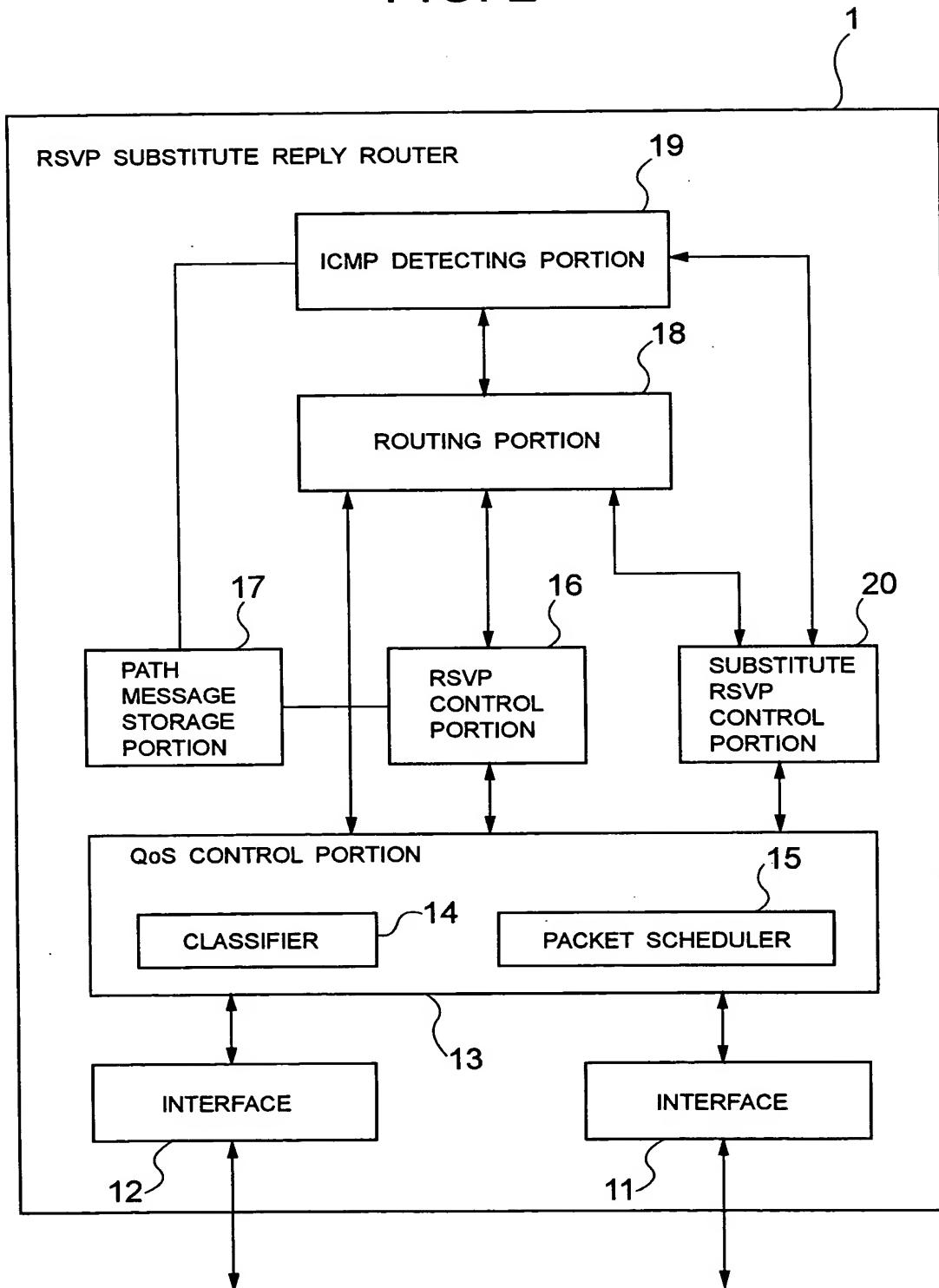


FIG. 3

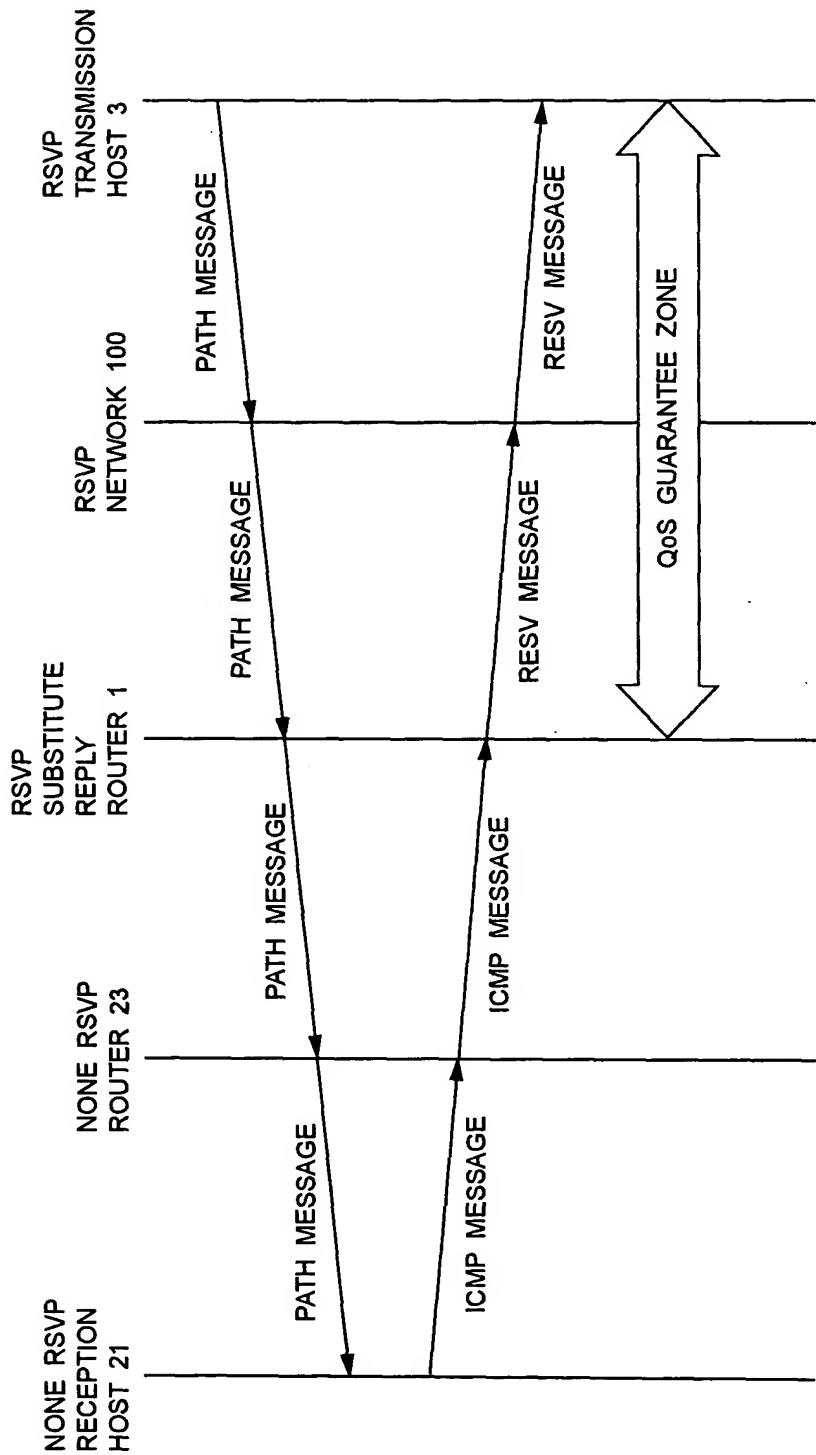


FIG. 4

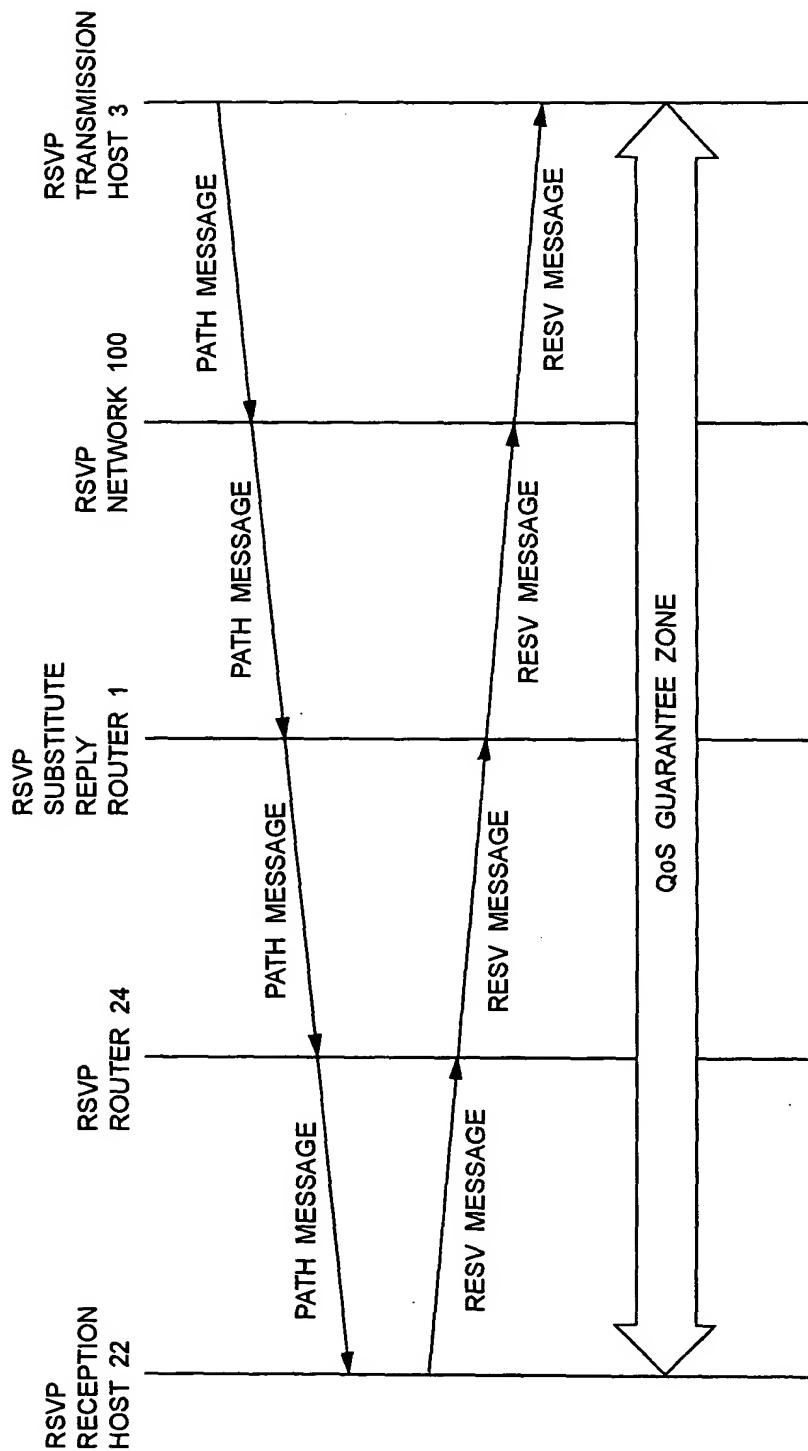


FIG. 5A

IP HEADER FORMAT

| VERSION | IHL | TYPE OF SERVICE | TOTAL LENGTH | |
|-------------------|----------|------------------|-----------------|--|
| IDENTIFICATION | | FLAGS | FRAGMENT OFFSET | |
| TIME TO LIVE | PROTOCOL | HEADER CHECK SUM | | |
| SENDER ADDRESS | | | | |
| RECIPIENT ADDRESS | | | | |

FIG. 5B

RSVP PROTOCOL FORMAT

| VERSION | FLAGS | MESSAGE TYPE | RSVP CHECK SUM |
|--------------|-----------|--------------|----------------|
| SEND_TTL | (RESERVE) | RSVP LENGTH | |
| RSVP PAYLOAD | | | |

FIG. 6

| VERSION | IHL | TYPE OF SERVICE | TOTAL LENGTH | | | |
|--|----------------|-----------------|------------------|--|--|--|
| (IDENTIFICATION) 1 2 3 4 5 | | FLAGS | FRAGMENT OFFSET | | | |
| TIME TO LIVE | (PROTOCOL) 4 6 | | HEADER CHECK SUM | | | |
| (SENDER ADDRESS) RECEPTION HOST 3 | | | | | | |
| (RECIPIENT ADDRESS) TRANSMISSION HOST 21 | | | | | | |
| VERSION | FLAGS | MESSAGE TYPE | RSVP CHECK SUM | | | |
| SEND_TTL | (RESERVE) | | RSVP LENGTH | | | |
| RSVP PAYLOAD | | | | | | |

Title: RESOURCE RESERVATION PROTOCOL
SUBSTITUTE REPLY ROUTER, RESOURCE
RESERVATION PROTOCOL SUBSTITUTE REPLY
SYSTEM AND RESOURCE RESERVATION PROTOCOL
SUBSTITUTE REPLY METHOD USED IN THE SAME

Inventor(s): Masanao SAKAI
DOCKET NO.: 053969-0158

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FIG. 7

| PATH MESSAGE | SENDER ADDRESS | RECIPIENT ADDRESS | IDENTIFICATION |
|--------------|---------------------|-------------------|----------------|
| PATH MESSAGE | TRANSMISSION HOST 3 | RECEPTION HOST 21 | 1 2 3 4 5 |
| | | | |
| | | | |

FIG. 8

| TYPE (= 3) | CODE (= 2) | CHECK SUM |
|-------------------------------|------------|-----------|
| NOT USED | | |
| CONTENT OF ORIGINAL IP HEADER | | |
| 8 BYTE ORIGINAL DATAGRAM | | |
| | | |

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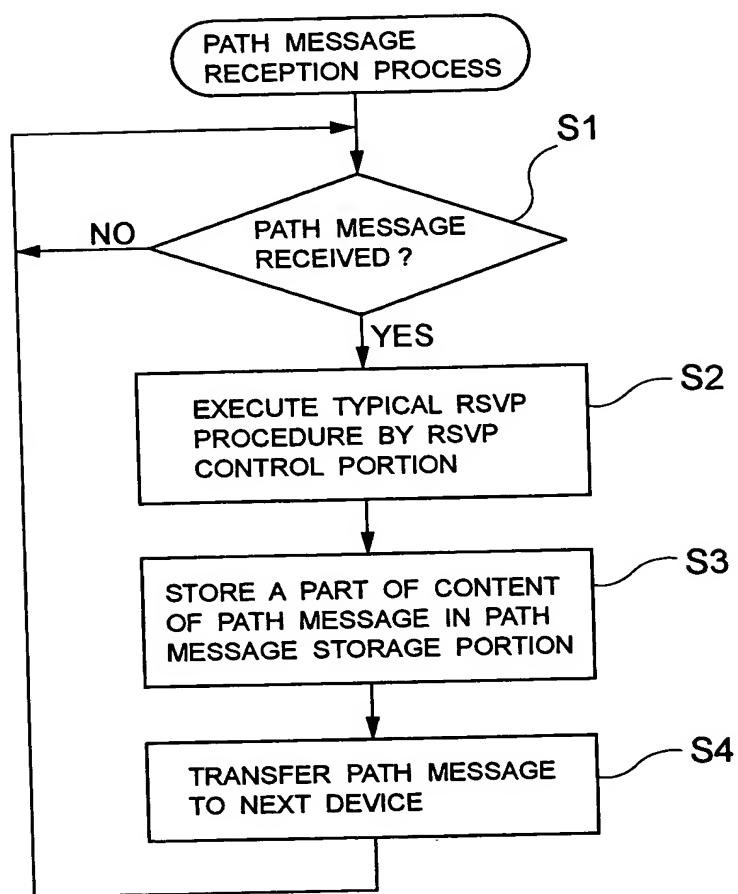
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FIG. 9

| (TYPE) 3 | | (CODE) 2 | | CHECK SUM | |
|--------------|-------|----------------------------|----------------------|------------------|-----------------|
| | | NOT USED | | | |
| VERSION | IHL | TYPE OF SERVICE | | TOTAL LENGTH | |
| | | (IDENTIFICATION) 1 2 3 4 5 | FLAGS | | FRAGMENT OFFSET |
| TIME TO LIVE | | (PROTOCOL) 4 6 | | HEADER CHECK SUM | |
| | | (SENDER ADDRESS) | RECEPTION HOST 3 | | |
| | | (RECIPIENT ADDRESS) | TRANSMISSION HOST 21 | | |
| VERSION | FLAGS | MESSAGE TYPE | | RSVP CHECK SUM | |
| SEND_TTL | | (RESERVE) | | RSVP LENGTH | |

FIG. 10



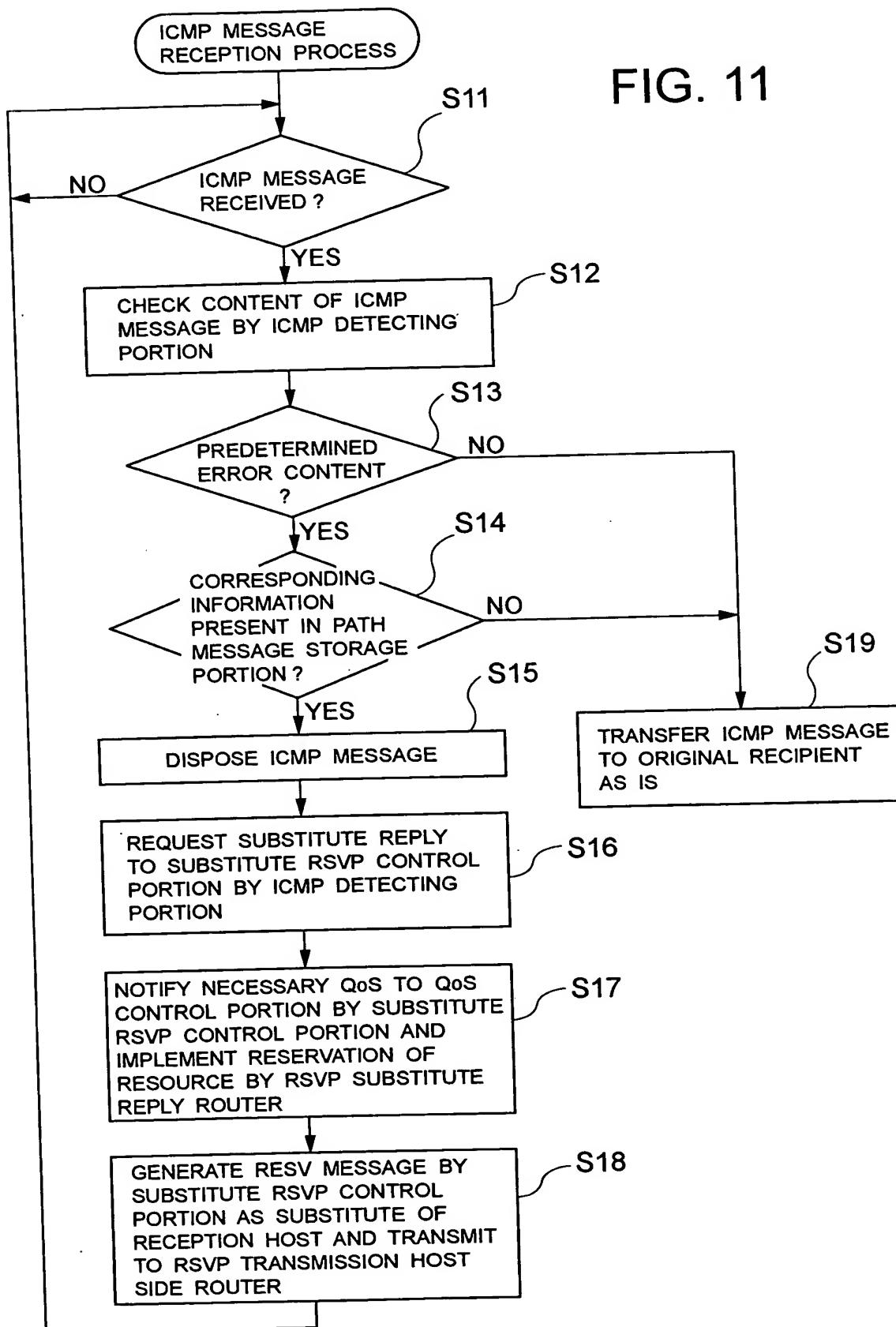


FIG. 12

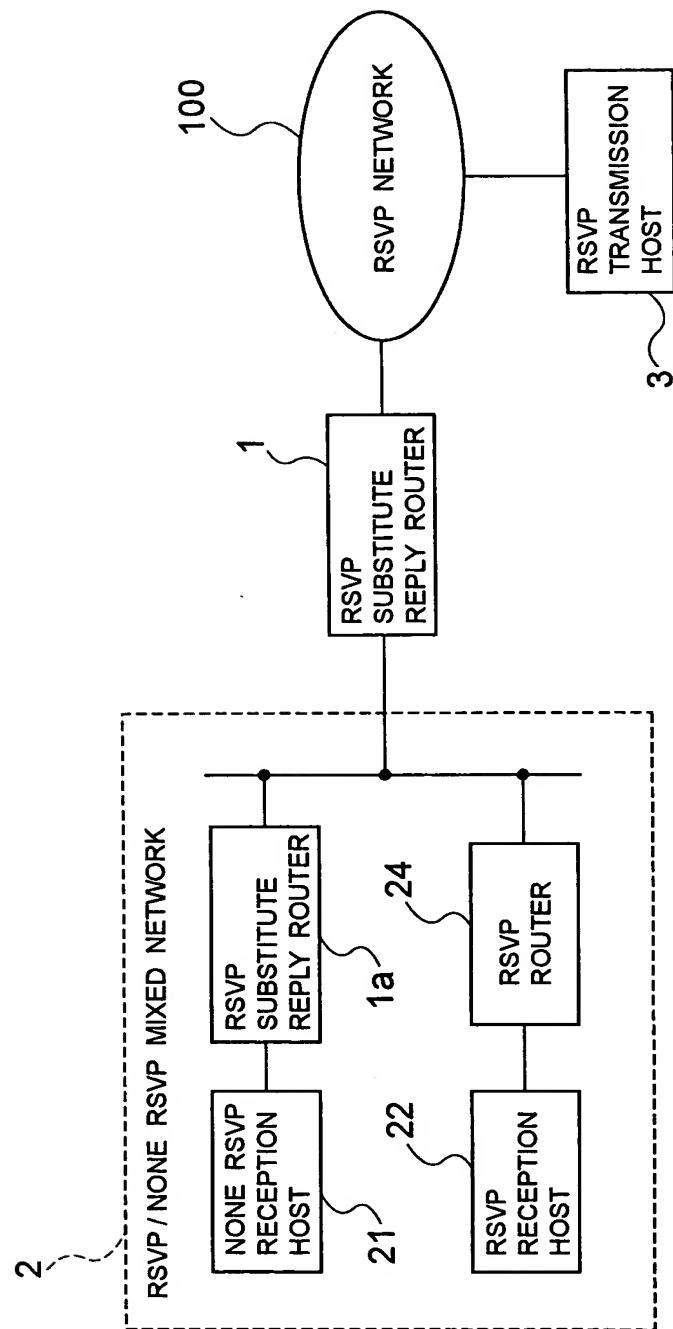


FIG. 13

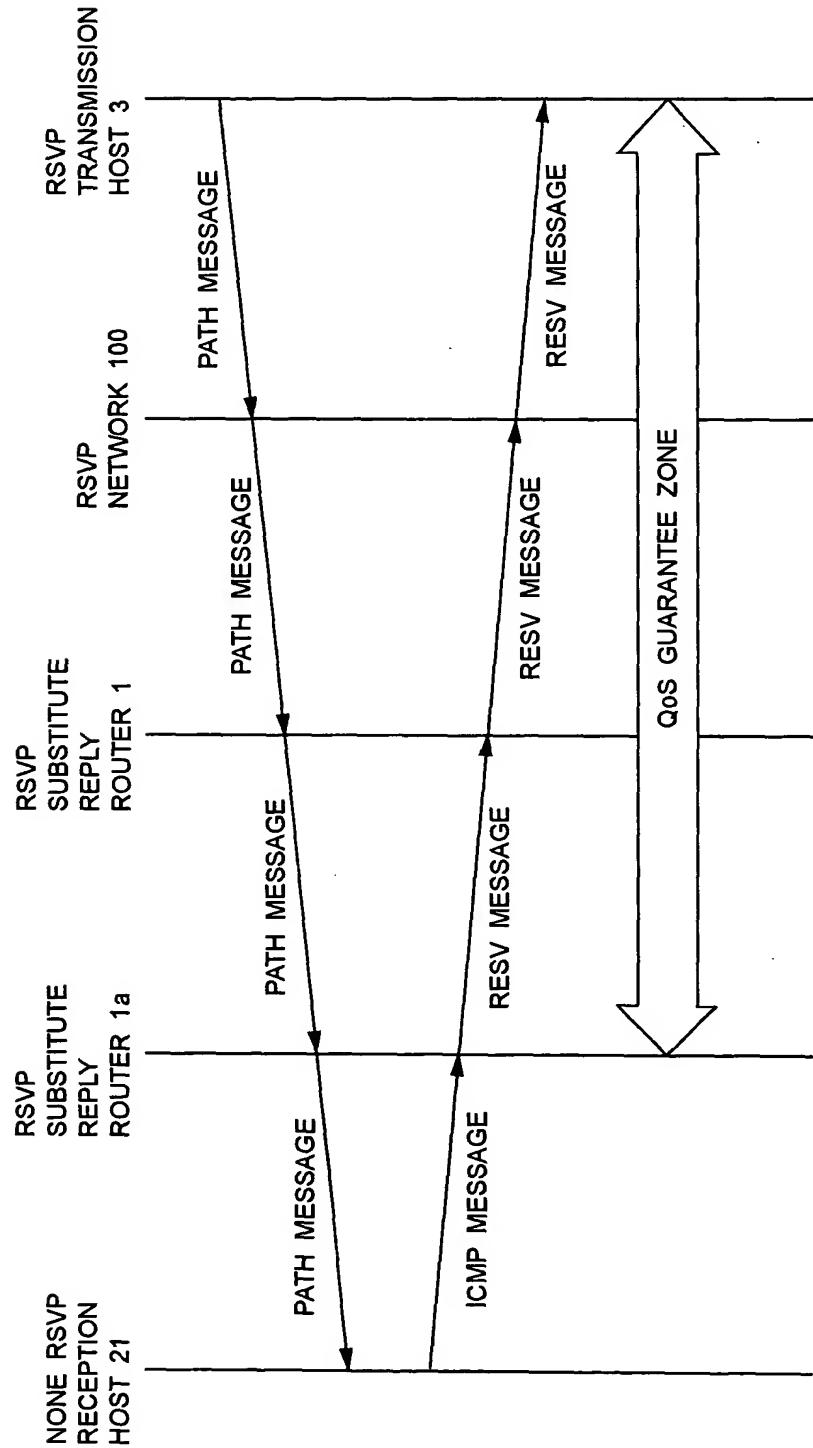


FIG. 14

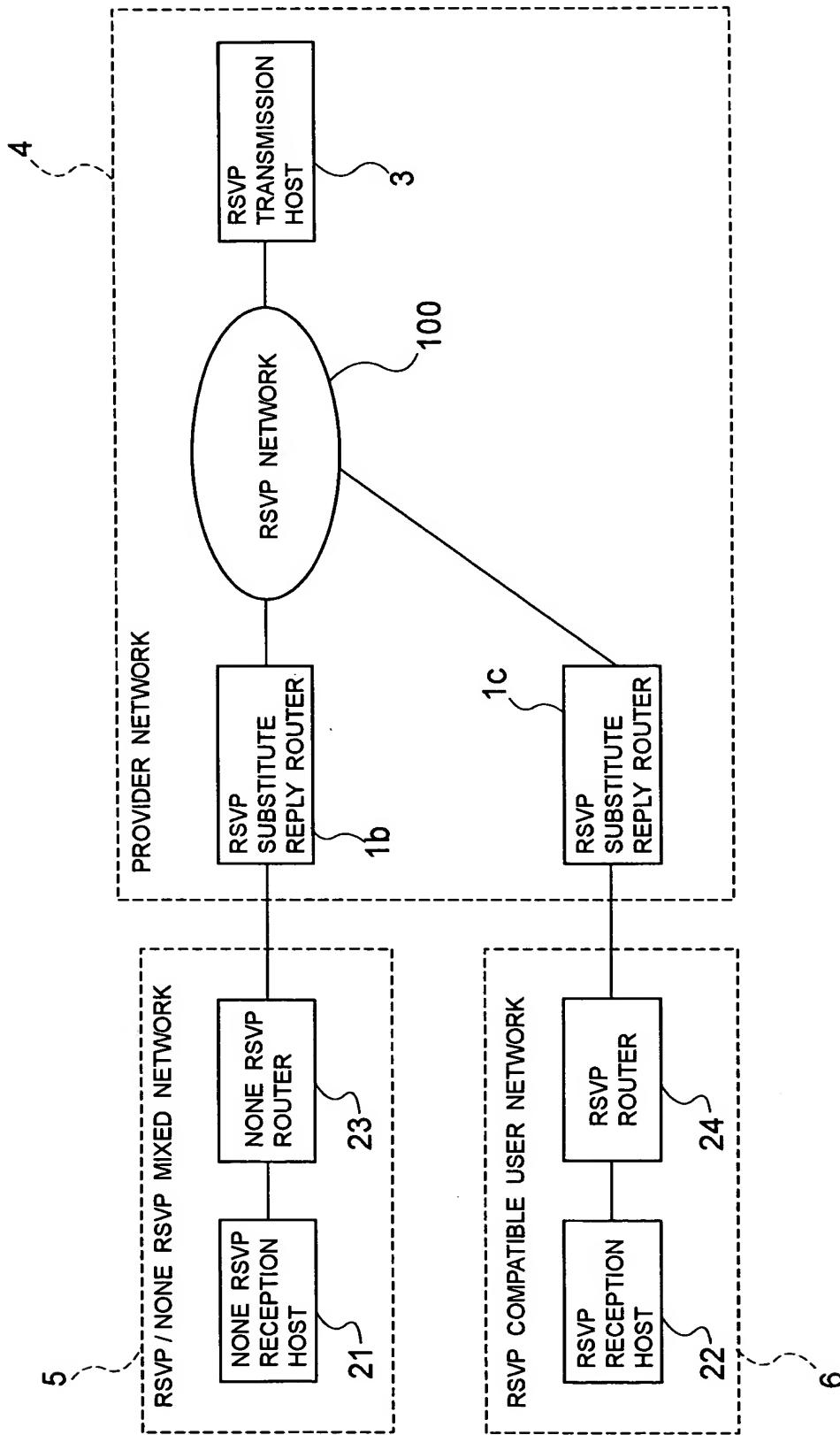


FIG. 15
PRIOR ART

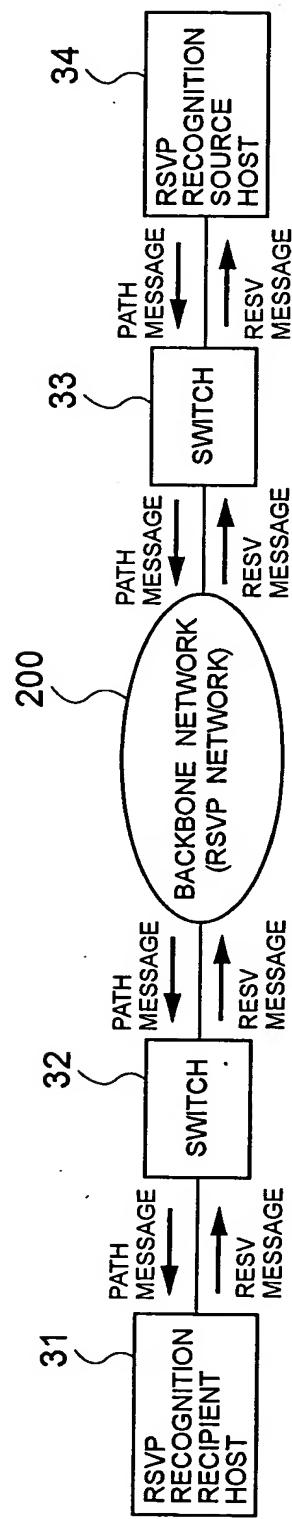


FIG. 16
PRIOR ART

